CASE STUDY · ENTERPRISE ERP · WEB APP

Academia Core ERP UX improvements

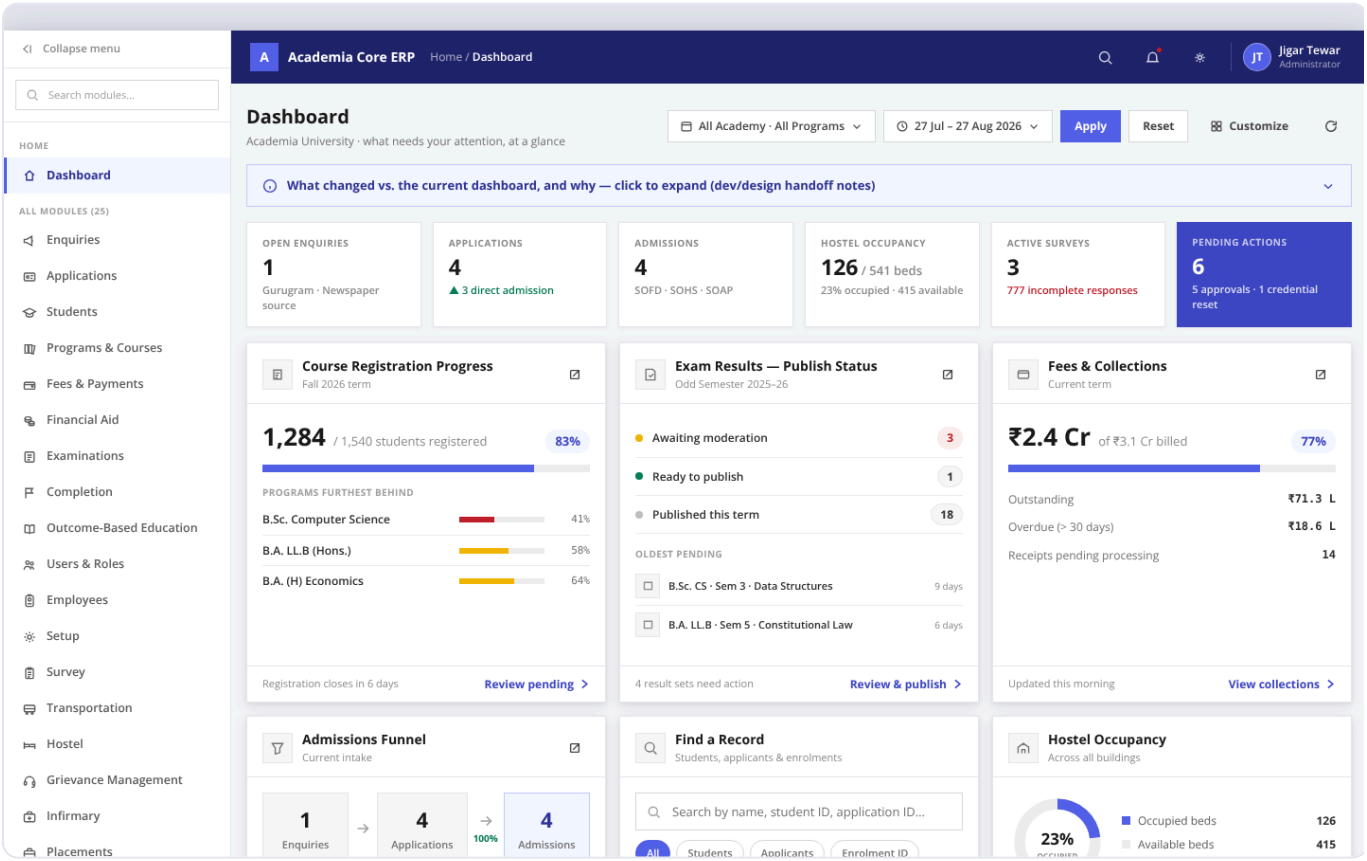
The Core ERP is where institution staff run admissions, fees, exams and setup every day. I redesigned high-traffic screens inside the existing ExtJS 4.2 framework, so each change maps to components developers already use.

MY ROLE	PRODUCT	PLATFORM	TIMELINE
Lead UI/UX Designer	Academia by Serosoft	ExtJS 4.2 web app	2026

Admin dashboard

The old dashboard repeated itself. Three near-identical search boxes sat at the top, the admissions funnel appeared three times as separate grids, and some cards needed horizontal scrolling before a number meant anything. Each change below is listed with the ExtJS component it maps to.

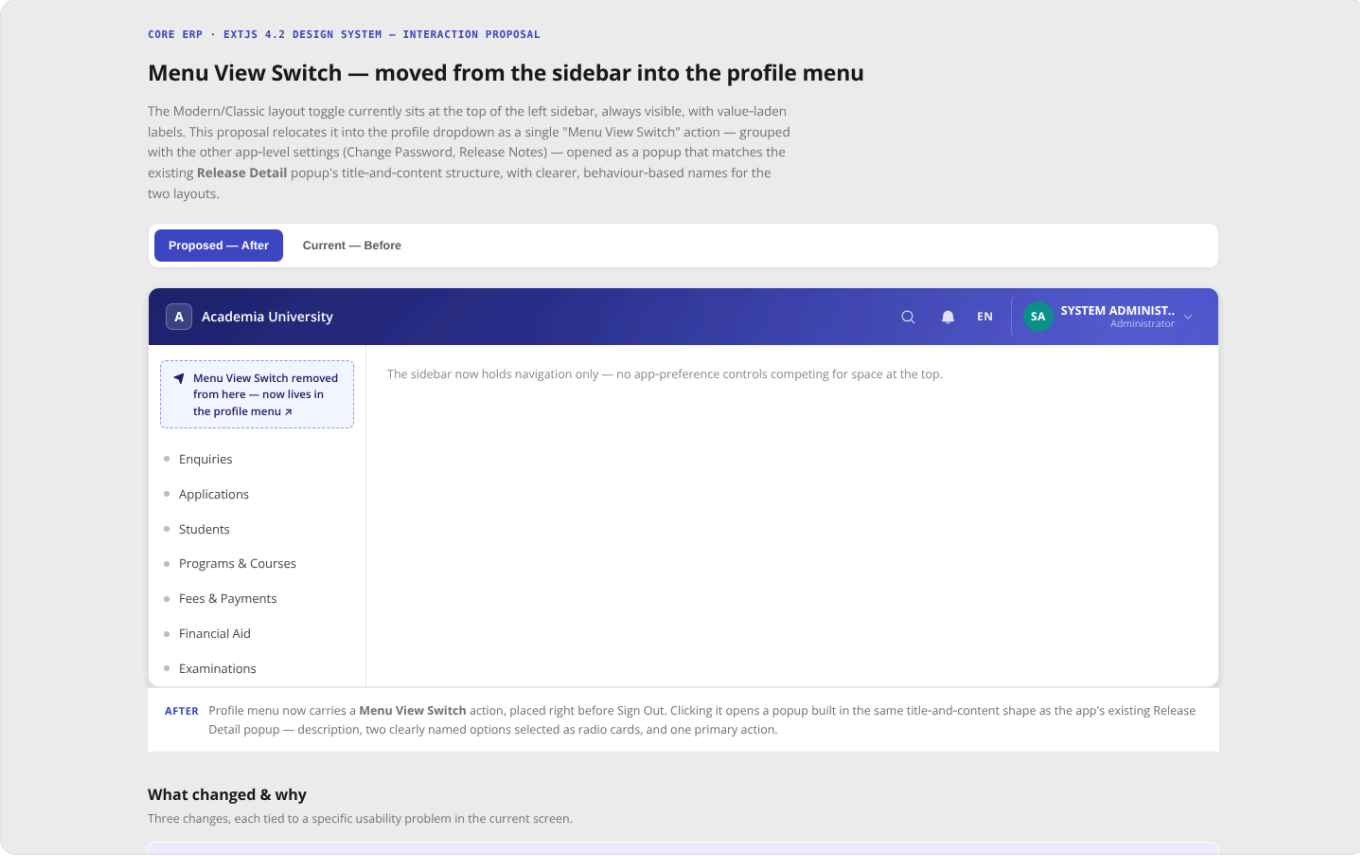
- One unified search card with a Student / Applicant / Enrolment ID toggle and recent-search chips.
- One Admissions Funnel card with a conversion figure. View Breakdown opens the full grids in a tabbed window.
- Hostel Occupancy as a donut with the two fullest hostels, in place of a six-column grid in a small card.
- An Action Center that groups notifications by request type, with a count and an urgency pill.



Admin dashboard concept with demo data.

Menu View Switch

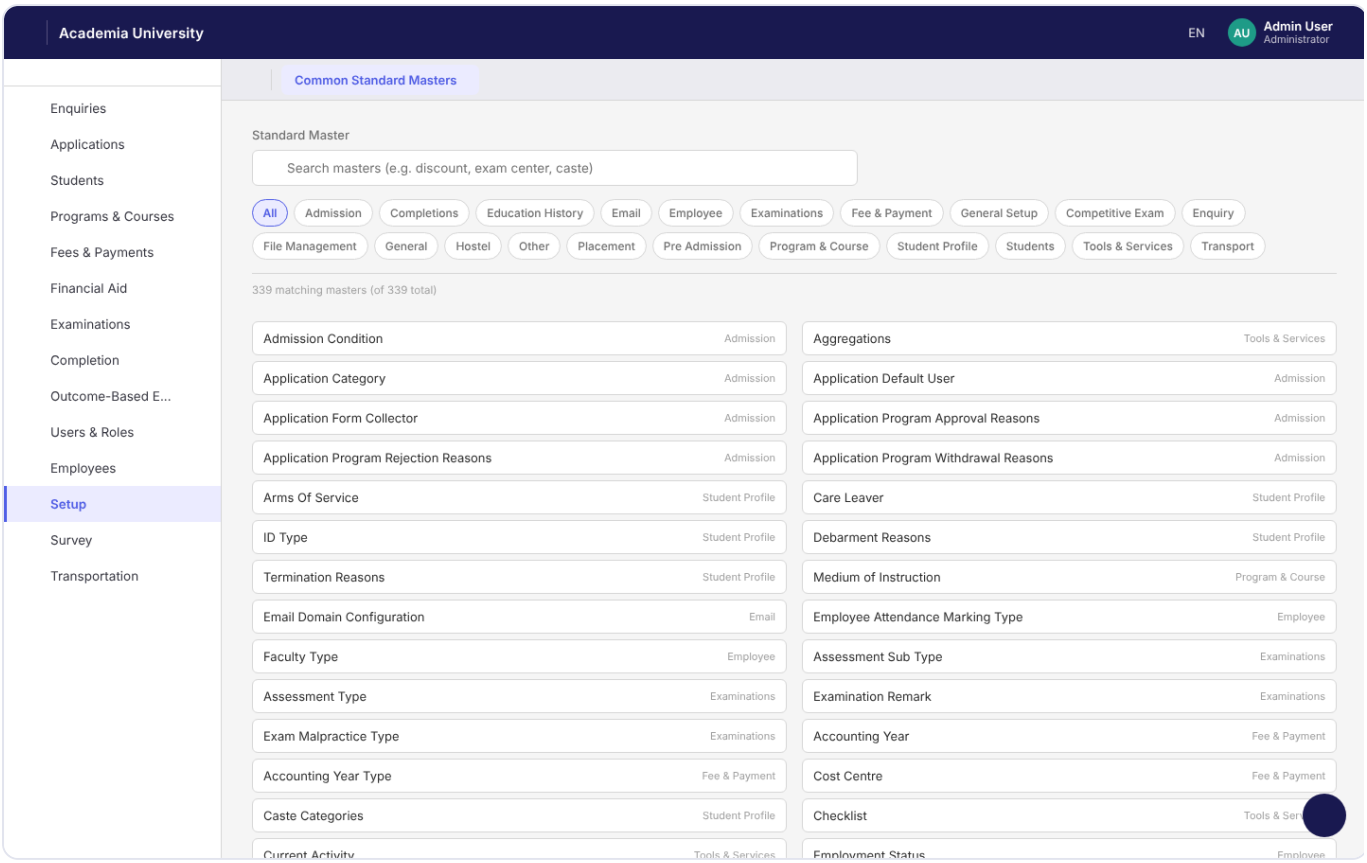
The Modern / Classic layout toggle was pinned to the top of the sidebar, and some clients saw its reload prompt at every login. I moved it into the profile menu next to Change Password and Release Notes. I renamed the options Mega Menu and Cascading Menu, which describes what each one does, since some clients prefer the classic layout and "Modern" implied the other was worse. The reload notice now appears only when the choice actually changes.



The proposal: sidebar for navigation only, switch in the profile menu.

Masters, filters and finance screens

- Common Standard Masters: a searchable picker with category chips across all 339 masters.
- Student Search: key fields up front and a More Filters panel that shows how many filters are active.
- Manage Invoices, Receipts and Settlements: same filters, columns and actions as before, with a clearer order and layout, and a details sidebar.



Common Standard Masters picker.
